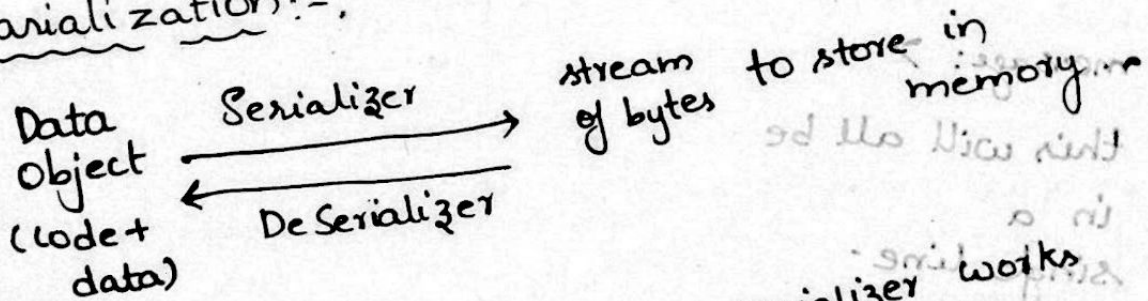


YAML :- Markup languages :-
structure & parent-child relationship.

↳ yaml ain't markup language
Y A M L

- * Data format used to exchange data
- * Similar to JSON & XML
- * Human readable language to represent data.
- * IN YAML, you can store only data

Serialization :-



How Serializer works
is black box for now.

↳ A process of converting data object into stream of bytes in which it could easily be transmitted.

Data Serialization languages :-

YAML,
JSON,
XML.

* More powerful when representing complex data.

Data Types :-

String variables :-

myself: kamal

fruit: 'apple'

food: "jilebi"

equivalent to

fruit = "apple"

in python

declaring a string variable

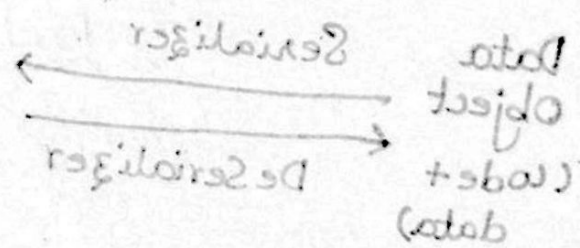
Write single line in multiple lines :-

message: >

this will all be

in a

single line.



INT, FLOAT, BOOLEAN

number: 20

marks: 98.76

booleanValue: No

specify type (not needed but may come in handy)

zero: !! int 0

negative Num: !! int -20

binary Num: !! int 0b11001mp.

hexa: !! 0x45

comma Value: !! int +540,000 # 540,000

marks: !! float 56.89

infinite: !! float .inf

not a num: .nan

YAML

→ Serialization language

↳ standard format to transfer data.

.yaml

or

.yml

* used to write configuration files in DevOps.

↳ used in

Docker, Kubernetes,
Ansible and many
more.

Syntax :-

key-value pairs :-

app: user-config
port: 9000

Object :-

microservices:
↔ app: user-config
| port: 9000

1-Space

↔ app: Secondapp
port: 9001

List :-

microservices:
↔ - app: user-config
↓ port: 9000

1-space
- app: secondapp
• port: 9000

boolean :-

deployed: true
false
yes
no
on
off

} list
of
objects

List :-

versions: [1, 2, 3]

microservices:

- user-authentication
- shopping-cart
- versions:
 - 1.9
 - 2.0